

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: U.S. Patent No. 7,329,630

USPTO CONFIRMATION CODE: 6500

APPLICATION NO.: 10/655,684

FILED: Sep. 5, 2003

EXAMINER: Bruce H. Hess

GROUP ART UNIT: 1794

FOR: STABILIZERS AND ANTI-FADE AGENTS FOR USE IN INFRARED  
SENSITIVE LEUCO DYE COMPOSITIONS

ATTORNEY DOCKET NUMBER: 200311300-1

37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

Sir:

The following is a request for a certificate of correction in Serial Number  
10/655,684, now Patent Number 7,329,630.

A certificate of correction under 35 USC 254 is respectfully requested in the  
above-identified patent.

☐ All errors were the fault of the USPTO, no fee required. In the event that a further  
fee is required, please charge the amount to Deposit Account No. 082025.

☐ All errors were the fault of the applicant and, accordingly, please charge **\$100.00**  
to our Deposit Account No. 082025. In the event that a further fee is required, please  
charge the amount to the same Deposit Account.

☒ The errors were the fault of both the applicant and USPTO and, accordingly,  
please charge **\$100.00** to our Deposit Account No. 082025. In the event that a further fee  
is required, please charge the amount to the same Deposit Account.

The exact locations where the errors appear in the patent and patent application  
are as follows:

In column 1, line 39, delete “peripheral” and insert - - preprinted - -, therefor.  
(Specification filed on Sep. 5, 2003, page 2, line 5)

In column 1, line 50, after “period of” insert - - even - -.  
(Specification filed on Sep. 5, 2003, page 2, line 13)

In column 3, line 2, delete “though” and insert - - through - -, therefor.  
(Specification filed on Sep. 5, 2003, page 4, line 19)

In column 3, line 17, delete “radio” and insert - - ratio - -, therefor.  
(Specification filed on Sep. 5, 2003, page 4, line 31)

In column 3, line 32, delete “such has” and insert - - such as - -, therefor.  
(Specification filed on Sep. 5, 2003, page 5, line 11)

In column 7, line 61, delete “naphthyl” and insert - - naphthyl - -, therefor.  
(Specification filed on Sep. 5, 2003, page 12, line 2)

In column 7, line 65, delete “dihdyroxy” and insert - - dihydroxy - -, therefor.  
(Specification filed on Sep. 5, 2003, page 12, line 6)

In column 9, line 9, delete “with” and insert - - within - -, therefor.  
(Specification filed on Sep. 5, 2003, page 13, line 24)

In column 10, line 44, delete “ $\eta$ S” and insert - -  $\kappa$ S - -, therefor.  
(Specification filed on Sep. 5, 2003, page 15, line 11)

In column 16, line 55, delete “lacquer” and insert - - leuco - -, therefor.  
(Specification filed on Sep. 5, 2003, page 25, line 12)

In column 17, line 35, delete “active bipshenol-A” and insert  
- - activator bisphenol-A - -, therefor.  
(Specification filed on Sep. 5, 2003, page 26, line 7)

In column 17, line 55, delete “discussed” and insert - - described - -, therefor.  
(Specification filed on Sep. 5, 2003, page 27, line 6)

In column 18, line 8, in Claim 2, delete “(mercapto- $\eta$ S)” and  
insert - - (mercapto- $\kappa$ S) - -, therefor.  
(Amendment to claims filed on Oct. 30, 2007, page 3, in Claim 2, line 3)

In column 18, line 23, in Claim 5, delete “pyrimidenetrione” and  
insert - - pyrimidinetrione - -, therefor.  
(Amendment to claims filed on Oct. 30, 2007, page 3, in Claim 6, line 2)

In column 18, line 26, in Claim 5, delete “[1,3-dihydro-1,” and  
insert - - [(1,3-dihydro-1, - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 4, in Claim 6, line 1)

In column 18, lines 45-46, in Claim 7, delete “tetrahydro-p” and  
insert - - tetrahalo-p - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 4, in Claim 8, line 7)

In column 19, line 10, in Claim 13, delete “2-(p-hydroxyphenyl)” and  
insert - - 2(p-hydroxyphenyl) - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 5, in Claim 14, lines 7-8)

In column 19, line 14, in Claim 14, delete “guaizonyl” and insert  
- - guaiazulenyl - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 5, in Claim 15, line 3)

In column 19, line 22, in Claim 16, delete “chroma” and  
insert - - chroman - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 6, in Claim 45, line 1)

In column 19, line 38, in Claim 19, delete “[1,3-dihydro-1,” and  
insert - - [(1,3-dihydro-1, - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 6, in Claim 48, line 5)

In column 19, lines 57-58, in Claim 21, delete “tetrahydro-p” and  
insert - - tetrahalo-p - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 7, in Claim 50, line 1)

In column 20, line 20, in Claim 26, delete “[1,3-dihydro-1,” and  
insert - - [(1,3-dihydro-1, - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 7, in Claim 55, line 5)

In column 20, lines 40-41, in Claim 28, delete “tetrahydro-p” and  
insert - - tetrahalo-p - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 8, in Claim 57, line 7)

In column 20, line 59, in Claim 31, delete “(mercapto-ηS)” and  
insert - - (mercapto-κS) - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 8, in Claim 60, line 3)

In column 21, line 10, in Claim 34, delete “dihydro-1,” and insert  
- - dihydro-1, - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 9, in Claim 63, line 5)

In column 21, lines 28-29, in Claim 36, delete “tetrahydro-p” and  
insert - - tetrahalo-p - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 10, in Claim 65, line 1)

In column 21, line 45, in Claim 39, delete "containing dyes" and  
insert - - croconium dyes - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 10, in Claim 68, line 3)

In column 21, line 55, in Claim 41, delete "dihdyro-1," and  
insert - - dihydro-1, - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 10, in Claim 70, line 5)

In column 21, line 63, in Claim 42, delete "composition" and insert - - article - -,  
therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 11, in Claim 71, line 2)

In column 22, lines 9-10, in Claim 43, delete "tetrahydro-p" and  
insert - - tetrahalo-p - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 11, in Claim 72, line 7)

In column 22, line 39, in Claim 48, delete "dihdyro-1," and insert  
- - dihydro-1, - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 12, in Claim 77, line 5)

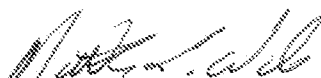
In column 22, lines 57-58, in Claim 50, delete "tetrahydro-p" and  
insert - - tetrahalo-p - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 12, in Claim 79, line 7)

In column 22, lines 60, in Claim 51, delete "further comprising" and  
insert - - wherein - -, therefor.  
(Amendment to claims filed on Oct. 30. 2007, page 12, in Claim 80, line 1)

The requested corrections are attached on Form PTO 1050.

4/28/08  
DATE

Respectfully Submitted

  
Name:

Registration No.: 42206

Attorney/Agent of Record

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

Page 1 of 5

PATENT NO : 7,329,630  
APPLICATION NO. : 10/655,684  
ISSUE DATE : Feb. 12, 2008  
INVENTOR(S) : Makarand P. Gore

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 1, line 39, delete "peripheral" and insert - - preprinted - -, therefor.

In column 1, line 50, after "period of" insert - - even - -.

In column 3, line 2, delete "though" and insert - - through - -, therefor.

In column 3, line 17, delete "radio" and insert - - ratio - -, therefor.

In column 3, line 32, delete "such has" and insert - - such as - -, therefor.

In column 7, line 61, delete "naphthyl" and insert - - naphthyl - -, therefor.

In column 7, line 65, delete "dihdyroxy" and insert - - dihydroxy - -, therefor.

In column 9, line 9, delete "with" and insert - - within - -, therefor.

In column 10, line 44, delete "ηS" and insert - - κS - -, therefor.

In column 16, line 55, delete "lacquer" and insert - - leuco - -, therefor.

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**Page 2 of 5

PATENT NO : 7,329,630  
APPLICATION NO. : 10/655,684  
ISSUE DATE : Feb. 12, 2008  
INVENTOR(S) : Makarand P. Gore

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 17, line 35, delete "active bipshenol-A" and insert  
- - activator bisphenol-A - -, therefor.

In column 17, line 55, delete "discussed" and insert - - described - -, therefor.

In column 18, line 8, in Claim 2, delete "(mercapto-ηS)" and  
insert - - (mercapto-κS) - -, therefor.

In column 18, line 23, in Claim 5, delete "pyrimidenetrione" and  
insert - - pyrimidinetriene - -, therefor.

In column 18, line 26, in Claim 5, delete "[1,3-dihydro-1," and  
insert - - [(1,3-dihydro-1, - -, therefor.

In column 18, lines 45-46, in Claim 7, delete "tetrahydro-p" and  
insert - - tetrahalo-p - -, therefor.

In column 19, line 10, in Claim 13, delete "2-(p-hydroxyphenyl)" and  
insert - - 2(p-hydroxyphenyl) - -, therefor.

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**Page 3 of 5

PATENT NO : 7,329,630  
APPLICATION NO. : 10/655,684  
ISSUE DATE : Feb. 12, 2008  
INVENTOR(S) : Makarand P. Gore

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 19, line 14, in Claim 14, delete "guaizonyl" and insert  
- - guaiazulenyl - -, therefor.

In column 19, line 22, in Claim 16, delete "chroma" and  
insert - - chroman - -, therefor.

In column 19, line 38, in Claim 19, delete "[ (1,3-dihydro-1," and  
insert - - [ (1,3-dihydro-1, - -, therefor.

In column 19, lines 57-58, in Claim 21, delete "tetrahydro-p" and  
insert - - tetrahalo-p - -, therefor.

In column 20, line 20, in Claim 26, delete "[ (1,3-dihydro-1," and  
insert - - [ (1,3-dihydro-1, - -, therefor.

In column 20, lines 40-41, in Claim 28, delete "tetrahydro-p" and  
insert - - tetrahalo-p - -, therefor.

In column 20, line 59, in Claim 31, delete "(mercapto-ηS)" and  
insert - - (mercapto-κS) - -, therefor.

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

Page 4 of 5

PATENT NO : 7,329,630  
APPLICATION NO. : 10/655,684  
ISSUE DATE : Feb. 12, 2008  
INVENTOR(S) : Makarand P. Gore

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 21, line 10, in Claim 34, delete "dihdyro-l," and insert  
- - dihydro-l, - -, therefor.

In column 21, lines 28-29, in Claim 36, delete "tetrahydro-p" and  
insert - - tetrahalo-p - -, therefor.

In column 21, line 45, in Claim 39, delete "containing dyes" and  
insert - - croconium dyes - -, therefor.

In column 21, line 55, in Claim 41, delete "dihdyro-l," and  
insert - - dihydro-l, - -, therefor.

In column 21, line 63, in Claim 42, delete "composition" and insert - - article - -,  
therefor.

In column 22, lines 9-10, in Claim 43, delete "tetrahydro-p" and  
insert - - tetrahalo-p - -, therefor.

In column 22, line 39, in Claim 48, delete "dihdyro-l," and insert  
- - dihydro-l, - -, therefor.

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*



## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 5 of 5

PATENT NO : 7,329,630  
APPLICATION NO. : 10/655,684  
ISSUE DATE : Feb. 12, 2008  
INVENTOR(S) : Makarand P. Gore

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 22, lines 57-58, in Claim 50, delete "tetrahydro-p" and insert - - tetrahalo-p - -, therefor.

In column 22, lines 60, in Claim 51, delete "further comprising" and insert - - wherein - -, therefor.

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*